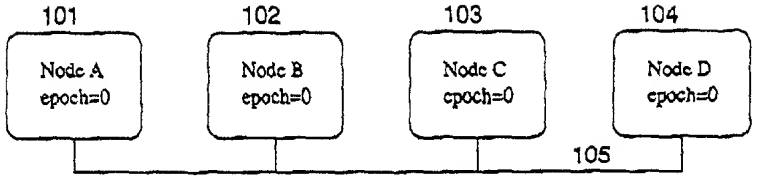
POU920000146451

1/1

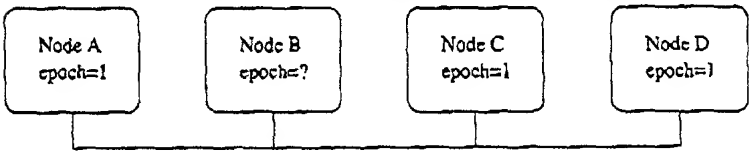
BLACKMORE ETAL.

Figure 1



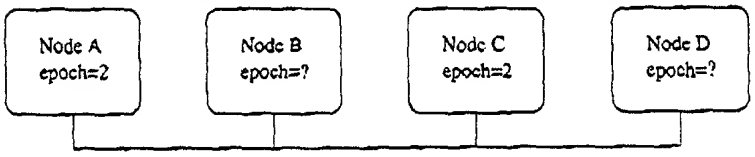

Event 1
Node B unable to communicate with others Nodes A, C, and D notified through heartbeat system

Nodes A, C and D execute LAPI_Purge_totask(B) which causes epoch_no++;



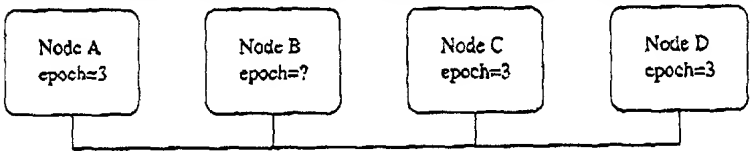

Event 2
Node D unable to communicate with others. Nodes A and C notified through heartbeat system

Nodes A and C execute LAPI_Purge_totask(D) which causes epoch_no++



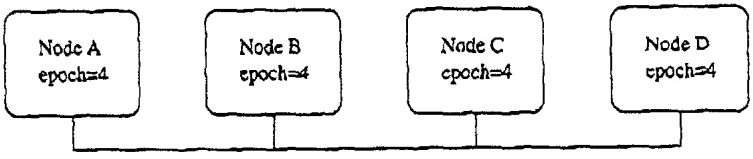

Event 3
Node D comes back online and can now participate in the computation/communication notified through heartbeat system

Nodes A , C, and D execute LAPI_Resume_totask(D) which causes epoch_num++




Event 4
Node B comes back online and can now participate in the computation/communication notified by the heartbeat system

Nodes A, B, C, and D execute LAPI_Resume_totask(B) which causes epoch_num++




Example Scenario showing the recovery model